Data Record on Coded Wire Tags Recovered from Juvenile Chinook at Campbell River Estuary and Discovery Passage, 1983

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Les numéros 1 à 25 de cette série ont été publiés à titre de Records statistiques, Service des pêches et de la mer. Les numéros 26-160 ont été publiés à titre de Rapports statistiques du Service des pêches et de la mer, Ministère des Pêches et de l'Environnement. Le nom de la série a été modifié à partir du numéro 161.

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Canadian Data Report of

Fisheries and Aquatic Sciences No. 457

DATA RECORD ON CODED WIRE TAGS RECOVERED FROM JUVENILE CHINOOK AT CAMPBELL RIVER ESTUARY AND DISCOVERY PASSAGE, 1983

May 1984

by

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ABSTRACT

Kotyk, M. S., B. D. Chang, T. J. Brown, C. D. Levings, C. D. McAllister, and J. S. Macdonald. 1984. Data record on coded wire tags recovered from juvenile chinook at Campbell River estuary and Discovery Passage, 1983. Can. Data Rep. Fish. Aquat. Sci. 457: 27 p.

Data are presented on lengths, weights, and coded wire tags of juvenile chinook salmon subsampled from beach seine catches in the Campbell River estuary and Discovery Passage from January to December, 1983. Data are also provided on location, date, and time of capture.

RÉSUMÉ

Kotyk, M. S., B. D. Chang, T. J. Brown, C. D. Levings, C. D. McAllister, and J. S. Macdonald. 1984. Data record on coded wire tags recovered from juvenile chinook at Campbell River estuary and Discovery Passage, 1983. Can. Data Rep. Fish. Aquat. Sci. 457: 27 p.

Les auteurs présentent des données sur la longueur, le poids et les étiquettes métalliques codées de saumons quinnats juvéniles sous-échantillonnés dans les prises effectuées de janvier à décembre 1983, à l'aide de senne de rivage, dans l'estuaire de la rivière Campbell et le passage Discovery. On donne aussi de l'information sur l'emplacement, la date et l'heure de capture.

INTRODUCTION

In order to study the importance of estuarine habitats to juvenile salmonids, a beach seine sampling program was undertaken in the Campbell River estuary and Discovery Passage starting in March 1982. This report presents length, weight and coded wire tag data for marked juvenile chinook salmon subsampled from beach seine catches from January to December 1983. Comparable data for marked juvenile chinook salmonids sampled in 1982 are presented in Gordon et al. (1983).
Length and weight data for unmarked juvenile salmonids sampled are presented in Kotyk et al. (1983) and Chang et al. (1984). Data on numbers of fish captured, fishing effort, and hydrological data (temperature, salinity, tide height) are presented in Brown et al. (1983, 1984).

Sampling will be continued through 1984. Data for 1984 will be presented in future reports.

SAMPLING PROCEDURES

Fish were caught using a 14.7 m beach seine with wings 4.9 m (1 cm stretched mesh), bunt 4.9 m (5 mm stretched mesh), and depth 1.5 m. The net was fitted with 15 m towing lines off the wings. Usually the net was pulled off the beach using a 5 m inflatable boat with a 50 hp outboard engine. The distance the net was taken offshore depended on local conditions such as currents, bottom topography, and floating obstacles (wharves, kelp beds) and therefore ranged from 5 to 15 m.

Catches were usually held in the bunt of the net while being subsampled. However, when numbers were too large for this to be feasible, they were held in floating cages (75 cm x 50 cm x 37 cm deep; 5 mm mesh size). Subsamples of the fish caught were fixed in 10% formalin. Fish were measured and weighed within 1 month of being captured; weighing was done on a Mettler PL 3000 balance.

SAMPLING LOCATIONS

Sampling was conducted at sites within the Campbell River estuary (Fig. 1), and Discovery Passage (Fig. 2). Descriptions of each of the sampling stations are presented in Brown et al. (1984). All stations occupied, including those where juvenile salmonids were not captured, are shown.

DATA

A total of 968 marked chinook were subsampled from a total catch of 3973 (Brown et al. 1984). Each fish was measured, weighed and assigned a unique number before the coded wire tag was extracted and read.

The data in the tables are as follows:

DATE - sampling date (year, month, day).
ST - sampling station number.
TIME PST - sampling time (Pacific Standard Time).
SP - species code
NO. KEPT - number of fish subsampled.
FISH NUM - a code identifying each fish uniquely, consisting of the letters M or MS and a 4 digit number.
TAG CODE - coded wire tag. No pin is indicated as -9, lost pin is indicated at -8.
L - fork length in mm
WT - wet weight (after damp drying with paper towelling) in g

ACKNOWLEDGMENTS

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REFERENCES

Brown, T.J., C.D. McAllister, C.D. Levings, and M. Kotyk. 1983. Salmonid catch-data from Campbell River and Discovery Passage, 1982. Can. Data Rep. Fish. Aquat. Sci. 416. 97 p.

Brown, T.J., C.D. McAllister, C.D. Levings, M.S. Kotyk, B.D. Chang, and J.S. Macdonald. 1984. Salmonid catch-data from Campbell River and Discovery Passage, 1983. Can. Data Rep. Fish. Aquat. Sci. (in press)

Chang, B.D., M.S. Kotyk, T.J. Brown, C.D. Levings, C.D. McAllister, and J.S. Macdonald. 1984. Length and weight data for unmarked juvenile salmon sampled in the Campbell River estuary and Discovery Passage, 1983. Can. Data Rep. Fish. Aquat. Sci. (in press).

Gordon, D.K., M. Kotyk, T. Brown, C.D. Levings, and C.D. McAllister. 1983. Data record on coded wire tags recovered from juvenile chinook at Campbell River estuary and Discovery Passage, 1982. Can. Data Rep. Fish. Aquat. Sci. 403. 57 p.

Kotyk, M., B.D. Chang, T.J. Brown, C.D. Levings, and C.D. McAllister. 1983. Length and weight data for unmarked juvenile salmon sampled in the Campbell River estuary and Discovery Passage, 1982. Can. Data Rep. Fish. Aquat. Sci. 408. 61 p.

DATE	ST	TIME PST	SP	NO KEPT	FISH NUM	TAG CODE	L MM	WT G
830126	7	1915	5	1	M 2015	-9	155	49.7
830126	2	2020	5	1	M 2016	21-08-20	165	59.9
830126	3	2037	5	1	M 2017	21-08-47	164	57.5
830126	3	2155	5	1	M 2018	-8	153	45.9
830127	11	1845	5	1	M 2019	21-08-49	190	88.1
830127	1	1950	5	1	M 2020	21-08-45	193	90.7
830127	2	2012	5	1	M 2021	-9	169	62.3
830127	1	2130	5	1	M 2022	21-08-33	178	67.9
830127	3	2215	5	1	M 2023	21-08-49	154	44.4
830127	3	2215	5	2	M 2024	21-08-47	153	44.2
830222	3	2015	5	1	M 2014	-9	191	88.0
830222	3	2020	5	1	MS0242	21-08-50	19	89.3
830223	7	2020	5	1	MS0241	21-08-46	15	44.9
830223	7	2032	5	1	M 2013	-9	152	43.3
830314	10	2020	5	1	MS0240	22-02-63	225	136.2
830421	32	1438	5	1	MS0001	-9	73	3.7
830421	32	1440	5	3	MS0021	22-08-17	70	3.1
830421	32	1440	5	3	MS0022	22-08-17	71	3.2
830421	32	1440	5	3	MS0023	22-08-16	68	2.5
830421	32	1455	5	10	MS0011	22-08-17	55	1.6
830421	32	1455	5	10	MS0012	22-08-17	76	3.7
830421	32	1455	5	10	MS0013	22-08-16	71	3.2
830421	32	1455	5	10	MS0014	22-08-18	68	3.4
830421	32	1455	5	10	MS0015	22-08-17	70	2.9
830421	32	1455	5	10	MS0016	22-08-17	66	2.6
830421	32	1455	5	10	MS0017	22-08-17	68	2.0
830421	32	1455	5	10	MS0018	22-08-17	77	4.5
830421	32	1455	5	10	MS0019	22-08-17	74	3.3
830421	32	1455	5	10	MS0020	22-08-16	52	1.6
830421	32	1526	5	1	MS0024	22-08-18	54	1.4
830421	32	1536	5	7	MS0004	22-08-17	67	2.5
830421	32	1536	5	7	MS0005	22-08-18	51	1.2
830421	32	1536	5	7	MS0006	22-08-16	66	2.3
830421	32	1536	5	7	MS0007	22-08-16	68	2.9
830421	32	1536	5	7	MS0008	22-08-18	51	1.1
830421	32	1536	5	7	MS0009	22-08-18	64	2.3
830421	32	1536	5	7	MS0010	22-08-17	65	2.6
830421	1	2025	5	2	MS0002	22-08-14	69	4.1
830421	1	2025	5	2	MS0003	22-08-19	68	3.5
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830421	7	2140	5	9	MS0026	22-08-12	75	4.9
830421	7	2140	5	9	MS0027	22-08-11	63	3.1
830421	7	2140	5	9	MS0028	-9	64	3.1
830421	7	2140	5	9	MS0029	22-08-11	68	3.5
830421	7	2140	5	9	MS0030	22-08-12	65	3.2
830421	7	2140	5	9	MS0031	22-08-11	56	2.2
830421	7	2140	5	9	MS0032	22-08-11	62	3.1
830421	7	2140	5	9	MS0033	22-08-11	68	3.5
830422	7	0940	5	1	MS0056	22-08-10	58	2.3
830422	6	1035	5	10	MS0043	-9	75	5.7
830422	6	1035	5	10	MS0044	22-08-19	58	2.2
830422	6	1035	5	10	MS0045	22-08-07	65	3.3

DATE	ST	TIME PST	SP	NO KEPT	FISH NUM	TAG CODE	L MM	WT G
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830422	6	1035	5	10	MS0048	22-08-09	55	2.0
830422	6	1035	5	10	MS0049	22-08-15	60	2.5
830422	6	1035	5	10	MS0050	22-08-14	68	3.8
830422	6	1035	5	10	MS0051	22-08-15	61	2.5
830422	6	1035	5	10	MS0052	22-08-07	75	4.7
830422	322	1123	5	1	MS0053	22-08-16	70	4.1
830422	37	1320	5	10	MS0057	22-08-14	75	4.8
830422	37	1320	5	10	MS0058	22-08-09	70	3.8
830422	37	1320	5	10	MS0059	22-08-07	70	3.9
830422	37	1320	5	10	MS0060	22-08-14	68	3.8
830422	37	1320	5	10	MS0061	22-08-15	68	3.8
830422	37	1320	5	10	MS0062	22-08-12	70	3.9
830422	37	1320	5	10	MS0063	22-08-07	69	4.0
830422	37	1320	5	10	MS0064	22-08-15	75	5.1
830422	37	1320	5	10	MS0065	22-08-15	70	3.7
830422	37	1320	5	10	MS0066	22-08-07	66	3.5
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830423	21	1030	5	10	MS0077	22-08-10	72	3.6
830423	21	1030	5	10	MS0078	22-08-09	81	5.3
830423	21	1030	5	10	MS0079	22-08-14	66	2.9
830423	21	1030	5	10	MS0080	22-08-14	66	3.2
830423	21	1030	5	10	MS0081	-9	65	2.6
830423	21	1030	5	10	MS0082	22-08-08	66	2.7
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830423	241	1500	5	5	MS0093	22-08-09	73	3.8
830423	241	1500	5	5	MS0094	22-08-19	70	3.0
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830423	241	1500	5	5	MS0096	22-08-17	68	3.2
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830424	32	0858	5	10	MS0103	22-08-18	70	3.1
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830424	32	0858	5	10	MS0106	22-08-07	72	3.9
830424	32	0858	5	10	MS0107	-9	72	3.3
830424	32	0858	5	10	MS0108	22-08-18	62	2.1
830424	32	0858	5	10	MS0109	22-08-17	68	2.7
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830424	1	0935	5	11	MS0127	22-08-08	75	5.0
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830424	1	0935	5	11	MS0130	22-08-07	63	3.1
830424	1	0935	5	11	MS0131	22-08-07	63	3.4
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830424	8	1930	5	10	MS0156	22-08-10	67	3.7
830424	8	1930	5	10	MS0157	22-08-09	75	4.7
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830424	8	1930	5	10	MS0161	22-08-07	70	4.4
830424	8	1930	5	10	MS0162	22-08-12	66	3.4
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830425	7	0805	5	9	MS0136	22-08-11	74	4.7
830425	7	0805	5	9	MS0137	22-08-09	72	4.0
830425	7	0805	5	9	MS0138	22-08-14	73	4.4
830425	7	0805	5	9	MS0139	22-08-12	65	3.2
830425	7	0805	5	9	MS0140	22-08-14	65	3.3
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830503	22	1020	5	10	MS0142	22-08-14	65	3.4
830503	22	1020	5	10	MS0143	22-08-14	72	4.4
830503	22	1020	5	10	MS0144	22-08-14	65	3.6
830503	22	1020	5	10	MS0145	22-08-14	65	3.6
830503	22	1020	5	10	MS0146	-9	70	4.3
830503	22	1020	5	10	MS0147	-9	65	3.0
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830505	7	1225	5	4	MS0153	22-08-09	75	5.4
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830505	6	1450	5	4	MS0166	22-08-07	84	7.1
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830507	8	0840	5	19	MS0171	20-08-46	75	5.0
830507	8	0840	5	19	MS0172	-9	80	5.8
830507	8	0840	5	19	MS0173	20-08-47	70	4.2
830507	8	0840	5	19	MS0174	20-08-47	79	5.9
830507	8	0840	5	19	MS0175	20-08-48	76	5.4
830507	8	0840	5	19	MS0176	20-08-50	80	3.9
830507	8	0840	5	19	MS0177	22-08-12	82	5.8
830507	8	0840	5	19	MS0178	20-08-47	75	4.4
830507	8	0840	5	19	MS0179	20-08-48	72	4.4
830507	8	0840	5	19	MS0180	20-08-50	73	4.6
830507	8	0840	5	19	MS0181	20-08-52	83	7.3
830507	8	0840	5	19	MS0182	20-08-48	75	5.1
830507	8	0840	5	19	MS0183	20-08-47	75	5.1
830507	8	0840	5	19	MS0184	20-08-49	77	5.3
830507	8	0840	5	19	MS0185	20-08-48	75	5.0
830507	8	0840	5	19	MS0186	22-08-12	70	4.1
830507	8	0840	5	19	MS0187	20-08-54	82	6.8
830507	8	0840	5	6	MS0189	22-08-19	80	6.4
830507	8	0840	5	6	MS0190	22-08-54	81	6.7
830507	8	0840	5	6	MS0191	20-08-53	85	8.0
830507	8	0840	5	6	MS0192	-9	89	9.2
830507	8	0840	5	6	MS0193	20-08-51	81	5.9
830507	8	0840	5	6	MS0194	20-08-51	79	5.7

DATE	ST	TIME PST	SP	NO KEPT	FISH NUM	TAG CODE	L MM	WT G
830507	47	1345	5	1	MS0188	22-08-11	68	3.4
830507	8	1430	5	9	MS0206	22-08-08	81	6.7
830507	8	1430	5	9	MS0207	-9	83	6.3
830507	8	1430	5	9	MS0208	20-08-48	75	4.9
830507	8	1430	5	9	MS0209	20-08-54	80	6.0
830507	8	1430	5	9	MS0210	20-08-54	82	7.0
830507	8	1430	5	9	MS0211	22-08-07	89	8.4
830507	8	1430	5	9	MS0212	20-08-53	80	6.4
830507	8	1430	5	9	MS0213	20-08-47	73	4.8
830507	8	1430	5	9	MS0214	-9	81	6.8
830507	9	1505	5	11	MS0195	22-08-12	83	7.4
830507	9	1505	5	11	MS0196	22-08-11	75	5.2
830507	9	1505	5	11	MS0197	22-08-12	80	7.2
830507	9	1505	5	11	MS0198	22-08-12	80	8.0
830507	9	1505	5	11	MS0199	22-08-19	60	4.2
830507	9	1505	5	11	MS0200	-9	79	6.7
830507	9	1505	5	11	MS0201	22-08-12	78	5.8
830507	9	1505	5	11	MS0202	22-08-08	85	7.6
830507	9	1505	5	11	MS0203	22-08-11	72	6.2
830507	9	1505	5	11	MS0204	22-08-14	78	6.5
830507	9	1505	5	11	MS0205	22-08-11	70	4.9
830508	61	0710	5	1	MS0216	22-08-08	75	4.4
830508	8	0720	5	1	MS0215	22-08-07	72	4.4
830508	28	1025	5	1	MS0227	22-08-17	66	3.0
830508	7	1455	5	10	MS0217	20-08-46	77	5.4
830508	7	1455	5	10	MS0218	20-08-49	80	6.0
830508	7	1455	5	10	MS0219	20-08-46	74	5.0
830508	7	1455	5	10	MS0220	20-08-50	80	6.1
830508	7	1455	5	10	MS0221	20-08-53	81	6.5
830508	7	1455	5	10	MS0222	22-08-12	79	6.0
830508	7	1455	5	10	MS0223	20-08-54	83	7.6
830508	7	1455	5	10	MS0224	20-08-50	78	6.1
830508	7	1455	5	10	MS0225	-9	81	6.4
830508	7	1455	5	10	MS0226	20-08-48	76	5.1
830509	7	0735	5	1	MS0229	20-08-47	73	4.7
830509	1	0820	5	10	MS0230	20-08-49	82	6.7
830509	1	0820	5	10	MS0231	20-08-53	84	7.3
830509	1	0820	5	10	MS0232	20-08-53	83	7.2
830509	1	0820	5	10	MS0233	20-08-54	82	6.9
830509	1	0820	5	10	MS0234	20-08-49	82	6.4
830509	1	0820	5	10	MS0235	20-08-52	85	7.8
830509	1	0820	5	10	MS0236	20-08-49	82	6.9
830509	1	0820	5	10	MS0237	20-08-52	83	7.7
830509	1	0820	5	10	MS0238	20-08-53	86	8.3
830509	1	0820	5	10	MS0239	-9	86	8.2
830509	11	0840	5	1	MS0228	20-08-47	68	3.9
830516	7	1447	5	13	MS0243	20-08-51	85	8.8
830516	7	1447	5	13	MS0244	22-08-12	80	8.5
830516	7	1447	5	13	MS0245	-9	84	8.3
830516	7	1447	5	13	MS0246	20-08-50	82	7.9
830516	7	1447	5	13	MS0247	22-08-07	81	8.2
830516	7	1447	5	13	MS0248	22-08-10	85	8.6

DATE	ST	TIME PST	SP	NO KEPT	FISH NUM	TAG CODE	L MM	WT G
830516	7	1447	5	13	MS0249	22-08-15	81	7.5
830516	7	1447	5	13	MS0250	-9	88	8.9
830516	7	1447	5	13	MS0251	20-08-51	88	8.6
830516	7	1447	5	13	MS0252	20-08-47	75	6.5
830516	7	1447	5	13	MS0253	20-08-51	80	7.2
830516	7	1447	5	13	MS0254	22-08-09	75	7.3
830516	7	1447	5	13	MS0255	20-08-47	75	6.5
830517	1	0840	5	10	MS0284	20-08-53	90	8.5
830517	1	0840	5	10	MS0285	20-08-49	88	8.2
830517	1	0840	5	10	MS0286	25-02-18	82	5.9
830517	1	0840	5	10	MS0287	20-08-52	91	8.8
830517	1	0840	5	10	MS0288	20-08-49	90	8.9
830517	1	0840	5	10	MS0289	22-08-08	80	4.8
830517	1	0840	5	10	MS0290	20-08-50	88	8.2
830517	1	0840	5	10	MS0291	20-08-47	75	4.8
830517	1	0840	5	10	MS0292	20-08-49	87	7.5
830517	1	0840	5	10	MS0293	20-08-49	78	5.6
830517	323	0937	5	1	MS0283	22-08-17	71	4.3
830517	23	1240	5	3	MS0294	20-08-52	84	6.4
830517	23	1240	5	3	MS0295	22-08-14	77	5.2
830517	23	1240	5	3	MS0296	20-08-51	82	6.2
830517	28	1405	5	11	MS0297	22-08-08	77	5.5
830517	28	1405	5	11	MS0298	22-08-16	98	11.8
830517	28	1405	5	11	MS0299	22-08-10	87	7.8
830517	28	1405	5	11	MS0300	22-08-09	85	7.3
830517	28	1405	5	11	MS0301	22-08-17	93	9.1
830517	28	1405	5	11	MS0302	22-08-08	94	9.4
830517	28	1405	5	11	MS0303	-9	80	6.4
830517	28	1405	5	11	MS0304	20-08-52	85	7.9
830517	28	1405	5	11	MS0305	22-08-14	98	10.8
830517	28	1405	5	11	MS0306	22-08-14	92	9.6
830517	28	1405	5	11	MS0307	20-08-50	80	6.2
830517	35	1430	5	1	MS0282	25-02-18	81	5.7
830517	21	1515	5	26	MS0256	25-02-18	89	8.8
830517	21	1515	5	26	MS0257	20-08-46	83	7.3
830517	21	1515	5	26	MS0258	-9	92	9.8
830517	21	1515	5	26	MS0259	20-08-49	85	7.9
830517	21	1515	5	26	MS0260	20-08-52	91	10.1
830517	21	1515	5	26	MS0261	20-08-48	78	5.1
830517	21	1515	5	26	MS0262	20-08-52	88	9.4
830517	21	1515	5	26	MS0263	20-08-53	89	9.5
830517	21	1515	5	26	MS0264	25-02-18	95	10.3
830517	21	1515	5	26	MS0265	20-08-54	88	8.5
830517	21	1515	5	26	MS0266	22-08-14	89	7.9
830517	21	1515	5	26	MS0267	20-08-48	82	3.6
830517	21	1515	5	26	MS0268	20-08-47	75	5.4
830517	21	1515	5	26	MS0269	20-08-54	88	8.2
830517	21	1515	5	26	MS0270	20-08-46	81	6.4
830517	21	1515	5	26	MS0271	20-08-51	84	7.1
830517	21	1515	5	26	MS0272	20-08-52	88	9.2
830517	21	1515	5	26	MS0273	22-08-09	94	9.0
830517	21	1515	5	26	MS0274	20-08-46	78	6.4

DATE	ST	TIME PST	SP	NO KEPT	FISH NUM	TAG CODE	L MM	WT G
830517	21	1515	5	26	MS0275	20-08-49	90	8.5
830517	21	1515	5	26	MS0276	25-02-18	80	6.0
830517	21	1515	5	26	MS0277	25-02-18	85	6.4
830517	21	1515	5	26	MS0278	20-08-51	80	5.6
830517	21	1515	5	26	MS0279	20-08-53	85	6.0
830517	21	1515	5	26	MS0280	20-08-46	84	7.6
830517	21	1515	5	26	MS0281	-9	85	7.4
830518	7	0720	5	10	MS0308	20-08-48	78	5.5
830518	7	0720	5	10	MS0309	20-08-50	84	6.6
830518	7	0720	5	10	MS0310	20-08-49	85	7.2
830518	7	0720	5	10	MS0311	20-08-46	85	7.3
830518	7	0720	5	10	MS0312	-9	84	7.5
830518	7	0720	5	10	MS0313	20-08-49	84	7.2
830518	7	0720	5	10	MS0314	20-08-49	85	8.1
830518	7	0720	5	10	MS0315	-9	90	8.2
830518	7	0720	5	10	MS0316	22-08-14	90	9.0
830518	7	0720	5	10	MS0317	20-08-54	88	8.3
830518	37	0900	5	10	MS0318	22-08-14	83	7.9
830518	37	0900	5	10	MS0319	22-08-11	84	7.6
830518	37	0900	5	10	MS0320	25-02-18	86	8.1
830518	37	0900	5	10	MS0321	25-02-18	82	6.4
830518	37	0900	5	10	MS0322	20-08-46	81	6.2
830518	37	0900	5	10	MS0323	25-02-18	90	8.0
830518	37	0900	5	10	MS0324	20-08-46	80	6.1
830518	37	0900	5	10	MS0325	20-08-53	91	9.2
830518	37	0900	5	10	MS0326	25-02-18	84	7.3
830518	37	0900	5	10	MS0327	22-08-15	90	8.6
830518	4	0925	5	10	MS0328	20-08-52	92	8.7
830518	4	0925	5	10	MS0329	20-08-49	80	6.9
830518	4	0925	5	10	MS0330	25-02-18	95	10.1
830518	4	0925	5	10	MS0331	20-08-47	80	6.4
830518	4	0925	5	10	MS0332	25-02-18	89	7.6
830518	4	0925	5	10	MS0333	25-02-18	86	6.2
830518	4	0925	5	10	MS0334	20-08-49	88	8.2
830518	4	0925	5	10	MS0335	25-02-18	90	8.1
830518	4	0925	5	10	MS0336	25-02-18	85	7.2
830518	4	0925	5	10	MS0337	20-08-48	85	5.9
830518	7	1240	5	9	MS0345	20-08-49	86	7.3
830518	7	1240	5	9	MS0346	20-08-49	86	7.4
830518	7	1240	5	9	MS0347	22-08-09	87	8.5
830518	7	1240	5	9	MS0348	22-08-10	88	8.8
830518	7	1240	5	9	MS0349	20-08-52	90	8.4
830518	7	1240	5	9	MS0350	25-02-18	82	7.3
830518	7	1240	5	9	MS0351	22-08-10	81	6.6
830518	7	1240	5	9	MS0352	-9	90	9.3
830518	7	1240	5	9	MS0353	20-08-54	90	8.4
830518	5	1325	5	7	MS0338	25-02-18	91	8.9
830518	5	1325	5	7	MS0339	20-08-48	80	6.1
830518	5	1325	5	7	MS0340	20-08-53	92	9.6
830518	5	1325	5	7	MS0341	25-02-18	91	8.4
830518	5	1325	5	7	MS0342	25-02-18	92	8.5
830518	5	1325	5	7	MS0343	20-08-49	87	8.2

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830518	5	1325	5	7	MS0344	20-08-47	76	5.2
830518	4	1435	5	7	MS0354	20-08-53	82	6.8
830518	4	1435	5	7	MS0355	20-08-46	89	8.7
830518	4	1435	5	7	MS0356	20-08-52	90	9.1
830518	4	1435	5	7	MS0357	22-08-07	97	11.2
830518	4	1435	5	7	MS0358	20-08-46	81	7.0
830518	4	1435	5	7	MS0359	20-08-48	85	7.5
830518	4	1435	5	7	MS0360	20-08-48	84	7.5
830518	4	1435	5	11	MS0371	20-08-51	82	6.7
830518	4	1435	5	11	MS0372	20-08-54	88	8.4
830518	4	1435	5	11	MS0373	20-08-47	84	7.3
830518	4	1435	5	11	MS0374	20-08-53	92	9.6
830518	4	1435	5	11	MS0375	20-08-47	81	6.7
830518	4	1435	5	11	MS0376	20-08-49	85	8.3
830518	4	1435	5	11	MS0377	22-08-15	82	6.8
830518	4	1435	5	11	MS0378	22-08-11	92	9.1
830518	4	1435	5	11	MS0379	20-08-52	93	10.2
830518	4	1435	5	11	MS0380	22-08-09	80	6.3
830518	4	1435	5	11	MS0381	25-02-18	81	6.0
830518	21	1600	5	8	MS0382	25-02-18	91	7.8
830518	21	1600	5	8	MS0383	25-02-18	95	9.3
830518	21	1600	5	8	MS0384	20-08-54	88	8.3
830518	21	1600	5	8	MS0385	20-08-46	80	5.9
830518	21	1600	5	8	MS0386	25-02-18	96	8.9
830518	21	1600	5	8	MS0387	20-08-49	87	7.4
830518	21	1600	5	8	MS0388	25-02-18	82	5.5
830518	21	1600	5	8	MS0389	25-02-18	78	4.3
830518	4	1700	5	10	MS0361	20-08-46	83	7.7
830518	4	1700	5	10	MS0362	22-08-11	85	8.4
830518	4	1700	5	10	MS0363	20-08-53	85	8.5
830518	4	1700	5	10	MS0364	22-08-11	87	8.6
830518	4	1700	5	10	MS0365	20-08-51	90	9.8
830518	4	1700	5	10	MS0366	22-08-12	83	7.7
830518	4	1700	5	10	MS0367	20-08-46	80	7.0
830518	4	1700	5	10	MS0368	25-02-18	82	5.9
830518	4	1700	5	10	MS0369	20-08-51	84	8.0
830518	4	1700	5	10	MS0370	-9	74	4.8
830519	1	0715	5	5	MS0390	20-08-50	86	8.3
830519	1	0715	5	5	MS0391	25-02-18	85	6.5
830519	1	0715	5	5	MS0392	20-08-47	81	6.7
830519	1	0715	5	5	MS0393	25-02-18	75	5.0
830519	1	0715	5	5	MS0394	20-08-47	77	4.6
830519	1	0730	5	10	MS0395	20-08-53	91	9.0
830519	1	0730	5	10	MS0396	20-08-52	88	8.0
830519	1	0730	5	10	MS0397	22-08-11	90	10.0
830519	1	0730	5	10	MS0398	20-08-46	75	5.7
830519	1	0730	5	10	MS0399	20-08-54	91	9.9
830519	1	0730	5	10	MS0400	25-02-18	78	5.7
830519	1	0730	5	10	MS0401	25-02-18	90	8.0
830519	1	0730	5	10	MS0402	22-08-10	73	4.7
830519	1	0730	5	10	MS0403	20-08-51	85	7.5
830519	1	0730	5	10	MS0404	20-08-46	80	6.2

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830527	1	2025	5	4	MS0405	20-08-53	85	7.1
830527	1	2025	5	4	MS0406	25-02-18	90	8.6
830527	1	2025	5	4	MS0407	20-08-49	91	10.4
830527	1	2025	5	4	MS0408	22-08-08	92	11.1
830527	4	2035	5	12	MS0409	20-08-50	82	6.6
830527	4	2035	5	12	MS0410	22-08-09	85	8.7
830527	4	2035	5	12	MS0411	20-08-49	84	6.4
830527	4	2035	5	12	MS0412	20-08-58	90	9.7
830527	4	2035	5	12	MS0413	-9	90	8.1
830527	4	2035	5	12	MS0414	20-08-60	84	7.2
830527	4	2035	5	12	MS0415	20-08-58	85	7.5
830527	4	2035	5	12	MS0416	25-02-18	92	11.5
830527	4	2035	5	12	MS0417	20-08-60	88	8.7
830527	4	2035	5	12	MS0418	20-08-58	86	8.2
830527	4	2035	5	12	MS0419	20-08-58	90	10.2
830527	4	2035	5	12	MS0420	25-02-18	92	9.4
830528	21	0823	5	5	MS0421	20-08-62	90	7.6
830528	21	0823	5	5	MS0422	20-08-52	93	9.1
830528	21	0823	5	5	MS0423	23-02-23	125	18.0
830528	21	0823	5	5	MS0424	20-08-53	100	11.8
830528	21	0823	5	5	MS0425	25-02-18	85	7.0
830528	5	0945	5	16	MS0443	25-02-18	83	6.8
830528	5	0945	5	16	MS0444	20-08-54	95	10.6
830528	5	0945	5	16	MS0445	20-08-51	92	9.3
830528	5	0945	5	16	MS0446	22-08-51	86	7.9
830528	5	0945	5	16	MS0447	25-02-18	92	8.5
830528	5	0945	5	16	MS0448	20-08-46	92	9.7
830528	5	0945	5	16	MS0449	20-08-49	98	10.5
830528	5	0945	5	16	MS0450	22-08-09	84	5.9
830528	5	0945	5	16	MS0451	20-08-53	88	7.7
830528	5	0945	5	16	MS0452	25-02-18	78	4.7
830528	5	0945	5	16	MS0453	25-02-18	80	6.0
830528	5	0945	5	16	MS0454	20-08-54	85	6.1
830528	5	0945	5	16	MS0455	20-08-57	87	7.7
830528	5	0945	5	16	MS0456	20-08-49	88	7.0
830528	5	0945	5	16	MS0457	25-02-18	83	5.9
830528	5	0945	5	16	MS0458	20-08-50	88	6.7
830528	34	1040	5	13	MS0459	20-08-53	87	8.9
830528	34	1040	5	13	MS0460	25-02-18	82	6.1
830528	34	1040	5	13	MS0461	25-02-18	88	7.8
830528	34	1040	5	13	MS0462	25-02-18	90	8.2
830528	34	1040	5	13	MS0463	25-02-18	85	7.5
830528	34	1040	5	13	MS0464	20-08-51	95	10.5
830528	34	1040	5	13	MS0465	20-08-54	94	11.1
830528	34	1040	5	13	MS0466	20-08-50	85	7.3
830528	34	1040	5	13	MS0467	25-02-18	85	7.9
830528	34	1040	5	13	MS0468	25-02-18	82	7.2
830528	34	1040	5	13	MS0469	25-02-18	90	10.2
830528	34	1040	5	13	MS0470	20-08-48	83	7.3
830528	34	1040	5	13	MS0471	25-02-18	94	7.7
830528	35	1145	5	17	MS0426	20-08-47	84	7.5
830528	35	1145	5	17	MS0427	-9	80	5.2

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830528	35	1145	5	17	MS0428	25-02-18	85	6.0
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830528	35	1145	5	17	MS0430	25-02-18	75	5.5
830528	35	1145	5	17	MS0431	25-02-18	85	7.0
830528	35	1145	5	17	MS0432	-9	70	4.2
830528	35	1145	5	17	MS0433	20-08-50	96	10.7
830528	35	1145	5	17	MS0434	22-08-11	78	6.2
830528	35	1145	5	17	MS0435	20-08-49	80	5.9
830528	35	1145	5	17	MS0436	25-02-18	82	7.7
830528	35	1145	5	17	MS0437	20-08-52	85	7.9
830528	35	1145	5	17	MS0438	20-08-54	91	10.1
830528	35	1145	5	17	MS0439	20-08-46	90	9.2
830528	35	1145	5	17	MS0440	25-02-18	81	6.1
830528	35	1145	5	17	MS0441	20-08-50	88	8.3
830528	35	1145	5	17	MS0442	22-08-12	98	13.0
830528	2	1420	5	8	MS0472	20-08-58	90	9.2
830528	2	1420	5	8	MS0473	20-08-54	91	9.0
830528	2	1420	5	8	MS0474	20-08-57	80	5.4
830528	2	1420	5	8	MS0476	23-02-23	115	15.8
830528	2	1420	5	8	MS0477	20-02-54	89	9.0
830528	2	1420	5	8	MS0478	20-08-61	95	10.9
830528	2	1420	5	8	MS0479	20-08-59	90	9.3
830529	20	0815	5	1	MS0494	20-08-60	88	6.6
830529	21	0825	5	14	MS0480	20-08-60	88	7.3
830529	21	0825	5	14	MS0481	25-02-18	95	8.9
830529	21	0825	5	14	MS0482	20-08-58	92	9.0
830529	21	0825	5	14	MS0483	25-02-18	90	8.2
830529	21	0825	5	14	MS0484	20-08-59	84	7.7
830529	21	0825	5	14	MS0485	20-08-11	90	9.0
830529	21	0825	5	14	MS0486	20-08-53	92	11.6
830529	21	0825	5	14	MS0487	20-08-55	85	7.4
830529	21	0825	5	14	MS0488	20-08-59	90	8.1
830529	21	0825	5	14	MS0489	20-08-49	95	9.6
830529	21	0825	5	14	MS0490	20-08-51	86	7.9
830529	21	0825	5	14	MS0491	20-08-53	102	12.9
830529	21	0825	5	14	MS0492	20-08-59	88	7.9
830529	21	0825	5	14	MS0493	20-08-55	85	7.1
830529	21	0825	5	13	MS0495	25-02-18	80	9.0
830529	21	0825	5	13	MS0496	20-08-52	100	11.9
830529	21	0825	5	13	MS0497	20-08-57	83	6.0
830529	21	0825	5	13	MS0498	20-08-55	90	8.0
830529	21	0825	5	13	MS0499	-8	95	8.8
830529	21	0825	5	13	MS0500	20-08-56	85	6.3
830529	21	0825	5	13	MS0501	25-02-18	98	10.8
830529	21	0825	5	13	MS0502	25-02-18	85	7.9
830529	21	0825	5	13	MS0503	20-08-46	94	9.8
830529	21	0825	5	13	MS0504	20-08-59	87	7.3
830529	21	0825	5	13	MS0505	20-08-57	80	2.7
830529	21	0825	5	13	MS0506	25-02-18	82	5.7
830529	21	0825	5	13	MS0507	20-08-51	86	7.3
830606	7	1440	5	4	MS0519	20-08-55	90	9.3

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830606	7	1440	5	4	MS0520	20-08-55	90	9.9
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830606	7	1440	5	4	MS0522	20-08-61	96	10.5
830606	4	1635	5	11	MS0508	20-08-58	95	10.6
830606	4	1635	5	11	MS0509	20-08-46	95	10.4
830606	4	1635	5	11	MS0510	20-08-60	94	10.7
830606	4	1635	5	11	MS0511	-9	95	12.3
830606	4	1635	5	11	MS0512	20-08-57	91	10.0
830606	4	1635	5	11	MS0513	20-08-56	85	8.0
830606	4	1635	5	11	MS0514	25-02-18	83	7.7
830606	4	1635	5	11	MS0515	20-08-55	89	7.3
830606	4	1635	5	11	MS0516	20-08-48	88	8.5
830606	4	1635	5	11	MS0517	20-08-55	90	8.6
830606	4	1635	5	11	MS0518	20-08-56	92	9.5
830607	6	1925	5	13	MS0523	20-08-53	114	17.9
830607	6	1925	5	13	MS0524	22-08-11	100	14.1
830607	6	1925	5	13	MS0525	22-08-09	105	13.6
830607	6	1925	5	13	MS0526	20-08-53	110	17.3
830607	6	1925	5	13	MS0527	22-08-12	105	15.1
830607	6	1925	5	13	MS0528	20-08-59	93	10.6
830607	6	1925	5	13	MS0529	20-08-59	95	11.2
830607	6	1925	5	13	MS0530	20-08-52	100	12.8
830607	6	1925	5	13	MS0531	22-08-07	104	14.6
830607	6	1925	5	13	MS0532	25-02-18	86	7.8
830607	6	1925	5	13	MS0533	20-08-55	92	9.9
830607	6	1925	5	13	MS0534	20-08-52	101	12.9
830607	6	1925	5	13	MS0535	25-02-18	96	10.3
830607	1	2030	5	28	MS0536	20-08-59	90	9.1
830607	1	2030	5	28	MS0537	20-08-57	93	8.8
830607	1	2030	5	28	MS0538	20-08-62	95	10.9
830607	1	2030	5	28	MS0539	20-08-53	112	16.9
830607	1	2030	5	28	MS0540	20-08-55	92	8.9
830607	1	2030	5	28	MS0541	20-08-62	98	10.7
830607	1	2030	5	28	MS0542	20-08-63	97	10.4
830607	1	2030	5	28	MS0543	20-08-63	97	9.3
830607	1	2030	5	28	MS0544	20-08-55	90	7.7
830607	1	2030	5	28	MS0545	20-08-56	86	7.4
830607	1	2030	5	28	MS0546	20-08-61	95	9.9
830607	1	2030	5	28	MS0547	20-08-55	90	8.7
830607	1	2030	5	28	MS0548	20-08-59	93	9.2
830607	1	2030	5	28	MS0549	20-08-63	97	10.1
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830607	1	2030	5	28	MS0551	20-08-60	93	9.9
830607	1	2030	5	28	MS0552	20-08-61	100	11.3
830607	1	2030	5	28	MS0553	25-02-18	91	9.3
830607	1	2030	5	28	MS0554	20-08-57	93	9.9
830607	1	2030	5	28	MS0555	20-08-46	87	8.1
830607	1	2030	5	28	MS0556	20-08-47	92	8.6
830607	1	2030	5	28	MS0557	-8	84	6.3
830607	1	2030	5	28	MS0558	20-08-47	82	6.6
830607	1	2030	5	28	MS0559	20-08-56	94	8.8
830607	1	2030	5	28	MS0560	20-08-57	89	8.6

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830607	1	2030	5	28	MS0561	-9	100	10.2
830607	1	2030	5	28	MS0562	20-08-59	90	8.5
830607	1	2030	5	28	MS0563	20-08-59	94	9.1
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830607	7	2105	5	6	MS0566	20-08-49	92	9.5
830607	7	2105	5	6	MS0567	22-08-14	97	10.9
830607	7	2105	5	6	MS0568	20-08-55	85	7.3
830607	7	2105	5	6	MS0569	25-02-18	93	10.6
830608	24	1035	5	5	MS0609	-9	90	7.9
830608	24	1035	5	5	MS0610	25-02-18	100	12.9
830608	24	1035	5	5	MS0611	20-08-61	110	13.2
830608	24	1035	5	5	MS0612	20-08-59	95	9.6
830608	24	1035	5	5	MS0613	20-08-49	101	11.1
830608	24	1050	5	5	MS0614	20-08-56	90	7.6
830608	24	1050	5	5	MS0615	20-08-63	98	10.4
830608	24	1050	5	5	MS0616	20-08-52	104	13.2
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830608	24	1050	5	5	MS0618	20-08-48	90	7.9
830608	20	1410	5	13	MS0619	20-08-61	100	12.0
830608	20	1410	5	13	MS0620	25-02-18	87	6.9
830608	20	1410	5	13	MS0621	22-08-08	85	6.6
830608	20	1410	5	13	MS0622	20-08-55	95	9.6
830608	20	1410	5	13	MS0623	20-08-51	90	7.9
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830608	20	1410	5	13	MS0627	20-08-62	98	9.8
830608	20	1410	5	13	MS0628	25-02-18	103	10.7
830608	20	1410	5	13	MS0629	20-08-55	90	8.2
830608	20	1410	5	13	MS0630	20-08-60	100	11.2
830608	20	1410	5	13	MS0631	20-08-57	92	7.8
830608	7	1440	5	9	MS0570	25-02-18	101	12.8
830608	7	1440	5	9	MS0571	25-02-19	96	12.5
830608	7	1440	5	9	MS0572	25-02-19	87	8.0
830608	7	1440	5	9	MS0573	25-02-19	97	10.3
830608	7	1440	5	9	MS0574	25-02-19	98	10.6
830608	7	1440	5	9	MS0575	25-02-19	91	8.3
830608	7	1440	5	9	MS0576	25-02-19	100	11.0
830608	7	1440	5	9	MS0577	25-02-19	89	8.6
830608	7	1440	5	9	MS0578	25-02-19	90	8.7
830608	7	1440	5	7	MS0602	25-02-19	95	10.2
830608	7	1440	5	7	MS0603	25-02-19	94	9.9
830608	7	1440	5	7	MS0604	-9	100	12.1
830608	7	1440	5	7	MS0605	25-02-19	101	13.1
830608	7	1440	5	7	MS0606	25-02-19	92	9.8
830608	7	1440	5	7	MS0607	25-02-19	105	14.3
830608	7	1440	5	7	MS0608	25-02-19	98	11.4
830608	7	1840	5	11	MS0579	25-02-19	98	10.3
830608	7	1840	5	11	MS0580	-9	108	14.4
830608	7	1840	5	11	MS0581	25-02-19	105	13.6
830608	7	1840	5	11	MS0582	25-02-19	98	11.8

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830608	7	1840	5	11	MS0583	20-08-56	92	8.5
830608	7	1840	5	11	MS0584	25-02-19	100	12.7
830608	7	1840	5	11	MS0585	25-02-19	95	10.5
830608	7	1840	5	11	MS0586	20-08-58	93	9.1
830608	7	1840	5	11	MS0587	25-02-19	105	15.2
830608	7	1840	5	11	MS0588	25-02-19	105	15.4
830608	7	1840	5	11	MS0589	25-02-19	100	12.2
830608	1	1935	5	12	MS0590	-9	100	11.7
830608	1	1935	5	12	MS0591	20-08-57	90	7.4
830608	1	1935	5	12	MS0592	20-08-48	99	11.9
830608	1	1935	5	12	MS0593	20-08-63	95	9.5
830608	1	1935	5	12	MS0594	25-02-18	87	7.5
830608	1	1935	5	12	MS0595	25-02-19	95	9.9
830608	1	1935	5	12	MS0596	20-08-62	95	8.7
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830608	1	1935	5	12	MS0598	20-08-62	91	7.6
830608	1	1935	5	12	MS0599	20-08-55	86	7.7
830608	1	1935	5	12	MS0600	20-08-63	98	10.2
830608	1	1935	5	12	MS0601	25-02-19	88	7.7
830616	8	1500	5	5	MS0684	25-02-19	103	15.3
830616	8	1500	5	5	MS0685	25-02-19	100	14.2
830616	8	1500	5	5	MS0686	25-02-19	95	13.0
830616	8	1500	5	5	MS0687	25-02-19	95	11.1
830616	8	1500	5	5	MS0688	20-08-63	98	11.4
830616	6	1520	5	12	MS0659	25-02-19	83	6.5
830616	6	1520	5	12	MS0660	20-08-56	100	10.1
830616	6	1520	5	12	MS0661	20-08-47	93	10.7
830616	6	1520	5	12	MS0662	25-02-19	100	11.2
830616	6	1520	5	12	MS0663	25-02-19	102	15.7
830616	6	1520	5	12	MS0664	22-08-12	101	16.5
830616	6	1520	5	12	MS0665	25-02-18	92	10.3
830616	6	1520	5	12	MS0666	25-02-18	95	10.5
830616	6	1520	5	12	MS0667	25-02-18	91	9.2
830616	6	1520	5	12	MS0668	25-02-19	100	12.4
830616	6	1520	5	12	MS0669	20-08-49	100	17.2
830616	6	1520	5	12	MS0670	-9	88	8.1
830616	2	1605	5	13	MS0671	20-08-60	96	10.9
830616	2	1605	5	13	MS0672	20-08-62	95	10.7
830616	2	1605	5	13	MS0673	-9	97	10.5
830616	2	1605	5	13	MS0674	25-02-19	91	8.2
830616	2	1605	5	13	MS0675	20-08-59	95	9.9
830616	2	1605	5	13	MS0676	20-08-57	92	10.2
830616	2	1605	5	13	MS0677	-9	93	11.2
830616	2	1605	5	13	MS0678	20-08-58	100	12.0
830616	2	1605	5	13	MS0679	25-02-19	100	10.9
830616	2	1605	5	13	MS0680	20-08-58	101	11.2
830616	2	1605	5	13	MS0681	-9	96	8.3
830616	2	1605	5	13	MS0682	25-02-19	85	7.0
830616	2	1605	5	13	MS0683	20-08-48	93	7.7
830616	4	1635	5	11	MS0638	22-08-12	90	10.8
830616	4	1635	5	11	MS0639	25-02-18	90	8.9
830616	4	1635	5	11	MS0640	-9	91	10.3

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830616	4	1635	5	11	MS0641	20-08-63	102	13.2
830616	4	1635	5	11	MS0642	20-08-56	92	9.2
830616	4	1635	5	11	MS0643	20-08-55	95	10.0
830616	4	1635	5	11	MS0644	-9	102	11.2
830616	4	1635	5	11	MS0645	25-02-19	103	11.3
830616	4	1635	5	11	MS0646	20-08-49	98	11.7
830616	4	1635	5	11	MS0647	22-08-10	102	13.4
830616	4	1635	5	11	MS0648	20-08-61	104	13.2
830616	34	1730	5	10	MS0649	20-08-55	98	11.8
830616	34	1730	5	10	MS0650	25-02-19	101	11.4
830616	34	1730	5	10	MS0651	20-08-60	97	11.0
830616	34	1730	5	10	MS0652	25-02-19	90	7.2
830616	34	1730	5	10	MS0653	20-08-58	97	11.0
830616	34	1730	5	10	MS0654	20-08-58	98	10.5
830616	34	1730	5	10	MS0655	20-08-60	95	9.1
830616	34	1730	5	10	MS0656	20-08-58	95	10.6
830616	34	1730	5	10	MS0657	20-08-62	96	12.3
830616	34	1730	5	10	MS0658	20-08-56	85	7.8
830616	21	1820	5	6	MS0632	20-08-58	90	10.7
830616	21	1820	5	6	MS0634	20-08-57	95	9.1
830616	21	1820	5	6	MS0637	25-02-19	100	7.5
830617	31	0805	5	1	MS0690	20-08-57	94	9.0
830617	328	1005	5	1	MS0689	22-08-11	92	9.4
830617	24	1100	5	10	MS0742	20-08-57	92	8.4
830617	24	1100	5	10	MS0743	25-02-19	96	11.0
830617	24	1100	5	10	MS0744	20-08-50	96	10.4
830617	24	1100	5	10	MS0745	-9	98	10.8
830617	24	1100	5	10	MS0746	25-02-19	92	8.5
830617	24	1100	5	10	MS0747	25-02-19	90	9.7
830617	24	1100	5	10	MS0748	25-02-19	77	6.0
830617	24	1100	5	10	MS0749	22-08-08	88	7.0
830617	24	1100	5	10	MS0750	25-02-19	100	12.6
830617	24	1100	5	10	MS0751	25-02-19	88	8.5
830617	241	1150	5	12	MS0700	22-08-10	124	16.8
830617	241	1150	5	12	MS0701	20-08-54	110	13.8
830617	241	1150	5	12	MS0702	20-08-63	110	9.5
830617	241	1150	5	12	MS0703	20-08-48	100	5.0
830617	241	1150	5	12	MS0704	25-02-18	92	5.8
830617	241	1150	5	12	MS0705	20-08-56	95	6.7
830617	241	1150	5	12	MS0706	25-02-18	93	5.3
830617	241	1150	5	12	MS0707	20-08-49	110	8.2
830617	241	1150	5	12	MS0708	20-08-49	110	7.2
830617	241	1150	5	12	MS0709	20-08-56	95	6.9
830617	241	1150	5	12	MS0710	20-08-61	100	8.2
830617	241	1150	5	12	MS0711	25-02-18	100	6.2
830617	21	1510	5	9	MS0691	22-08-08	104	14.5
830617	21	1510	5	9	MS0692	20-08-55	101	11.1
830617	21	1510	5	9	MS0693	21-08-07	106	13.5
830617	21	1510	5	9	MS0694	20-08-48	107	14.0

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830617	21	1510	5	9	MS0695	20-08-63	110	16.2
830617	21	1510	5	9	MS0696	20-08-53	100	11.4
830617	21	1510	5	9	MS0697	20-08-62	105	14.7
830617	21	1510	5	9	MS0698	21-08-17	125	18.5
830617	21	1510	5	9	MS0699	25-02-19	95	10.1
830618	3	0810	5	2	MS0723	-9	102	13.3
830618	3	0810	5	2	MS0724	22-08-07	96	11.4
830618	22	1050	5	1	MS0752	25-02-19	100	12.6
830619	7	0712	5	14	MS0725	21-08-01	95	9.9
830619	7	0712	5	14	MS0726	21-08-01	100	8.8
830619	7	0712	5	14	MS0727	21-08-06	95	9.4
830619	7	0712	5	14	MS0728	25-02-19	100	10.3
830619	7	0712	5	14	MS0729	-9	92	8.5
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830619	7	0712	5	14	MS0732	21-08-04	100	11.6
830619	7	0712	5	14	MS0733	21-08-03	90	8.5
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830619	7	0712	5	14	MS0735	21-08-02	92	8.7
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830619	10	0745	5	5	MS0720	21-08-03	94	10.2
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830619	8	0820	5	3	MS0741	22-08-19	85	8.7
830619	20	0905	5	2	MS0716	20-08-53	110	14.7
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830619	21	1010	5	4	MS0714	25-02-19	92	8.8
830619	21	1010	5	4	MS0715	25-02-19	104	12.9
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830708	31	0805	5	3	MS0757	25-02-43	104	12.1
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830708	323	0940	5	2	MS0755	-9	105	14.5
830708	323	1050	5	8	MS0819	25-02-56	100	11.0
830708	323	1050	5	8	MS0820	21-08-58	100	12.7
830708	323	1050	5	8	MS0821	25-02-44	121	20.9
830708	323	1050	5	8	MS0822	20-08-60	117	13.9
830708	323	1050	5	8	MS0823	21-08-06	103	12.9
830708	323	1050	5	8	MS0824	-9	97	11.0
830708	49	1050	5	8	MS0849	21-08-10	115	16.1
830708	49	1050	5	8	MS0850	-9	110	13.2
830708	27	1255	5	4	MS0766	21-08-48	112	18.1
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DATE	ST	TIME PST	SP	NO KEPT	FISH NUM	TAG CODE	L MM	WT G
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830708	21	1355	5	7	MS0764	25-02-57	96	10.8
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830708	20	1425	5	11	MS0789	21-08-13	109	15.3
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830709	5	0850	5	11	MS0826	21-08-11	100	14.0
830709	5	0850	5	11	MS0827	21-08-14	108	15.7
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830709	5	0850	5	11	MS0829	21-08-12	94	9.7
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830709	5	0850	5	11	MS0832	21-08-15	105	14.1
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830709	35	0910	5	6	MS0803	-8	102	12.1
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830709	35	0910	5	6	MS0805	21-08-15	99	10.3
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830709	7	1445	5	11	MS0797	21-08-44	95	9.6
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830709	7	1455	5	11	MS0770	21-08-14	105	15.8

DATE	ST	TIME PST	SP	NO KEPT	FISH NUM	TAG CODE	L MM	WT G
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830709	7	1455	5	11	MS0775	21-08-51	120	21.9
830709	7	1455	5	11	MS0776	21-08-06	100	13.0
830709	7	1455	5	11	MS0792	21-08-14	110	16.6
830718	-1	1421	5	7	MS0836	21-08-52	110	16.1
830718	-1	1421	5	7	MS0837	21-08-12	100	12.6
830718	-1	1421	5	7	MS0838	21-08-13	118	18.5
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830718	-1	1421	5	7	MS0840	21-08-15	108	14.2
830718	-1	1421	5	7	MS0841	21-08-14	112	17.2
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830721	7	0745	5	12	MS0863	21-08-15	117	20.0
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830721	7	0745	5	12	MS0869	21-08-11	100	12.2
830721	7	0745	5	12	MS0870	21-08-14	115	17.9
830721	7	0745	5	12	MS0871	21-08-12	105	14.4
830721	7	0745	5	12	MS0872	21-08-11	111	15.7
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830721	1	0945	5	8	MS0951	21-08-14	111	16.0
830721	1	0945	5	8	MS0952	21-08-48	119	19.5
830721	1	0945	5	8	MS0953	21-08-51	116	18.7
830721	1	0945	5	8	MS0954	21-08-12	110	15.0
830721	1	0945	5	8	MS0955	21-08-10	112	17.3
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830721	1	0945	5	8	MS0957	21-08-11	111	17.1
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830721	34	1020	5	10	MS0852	21-08-48	120	19.3
830721	34	1020	5	10	MS0853	21-08-11	102	11.6
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830721	34	1020	5	10	MS0856	21-08-14	110	16.0
830721	34	1020	5	10	MS0857	21-08-12	110	15.4
830721	34	1020	5	10	MS0858	21-08-14	115	16.9
830721	34	1020	5	10	MS0859	21-08-13	102	16.4
830721	34	1020	5	10	MS0860	21-08-10	105	13.8
830721	1	1410	5	8	MS0843	21-08-11	106	14.0
830721	1	1410	5	8	MS0844	21-08-51	118	17.8
830721	1	1410	5	8	MS0845	21-08-51	117	18.3
830721	1	1410	5	8	MS0846	21-08-14	120	20.0
830721	1	1410	5	8	MS0847	-9	120	20.7
830721	1	1410	5	8	MS0848	21-08-05	119	20.9
830721	6	1425	5	10	MS0809	21-08-11	107	12.7
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DATE	ST	TIME PST	SP	NO KEPT	FISH NUM	TAG CODE	L MM	WT G
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830721	6	1425	5	10	MS0814	21-08-15	115	17.8
830721	6	1425	5	10	MS0815	21-08-01	120	21.7
830721	6	1425	5	10	MS0816	21-08-13	115	16.3
830721	6	1425	5	10	MS0817	21-08-02	122	22.4
830721	6	1425	5	10	MS0818	21-08-02	122	25.9
830802	6	1530	5	5	MS0873	21-08-10	105	15.4
830802	6	1530	5	5	MS0874	-9	107	17.6
830802	6	1530	5	5	MS0875	21-08-13	110	18.5
830802	6	1530	5	5	MS0876	21-08-12	108	15.5
830802	6	1530	5	5	MS0878	21-08-19	112	19.3
830802	7	1740	5	4	MS0879	25-02-19	135	35.6
830802	7	1740	5	4	MS0880	21-08-11	126	24.4
830802	7	1740	5	4	MS0881	-9	124	25.4
830802	7	1740	5	4	MS0882	21-08-48	126	23.9
830802	6	1800	5	4	MS0883	21-08-02	118	21.4
830802	6	1800	5	4	MS0884	25-02-18	120	21.6
830802	6	1800	5	4	MS0885	21-08-03	124	27.6
830802	6	1800	5	4	MS0886	21-08-10	111	18.4
830803	21	0545	5	1	MS0887	21-08-54	111	14.8
830803	241	1220	5	2	MS0888	21-08-15	110	12.9
830803	241	1220	5	2	MS0889	-9	100	9.8
830804	2	0755	5	1	MS0890	21-08-03	105	15.1
830804	6	0940	5	6	MS0891	21-08-20	128	17.1
830804	6	0940	5	6	MS0892	21-08-13	117	19.2
830804	6	0940	5	6	MS0893	21-08-12	105	13.3
830804	6	0940	5	6	MS0894	21-08-01	120	27.6
830804	6	0940	5	6	MS0895	21-08-12	110	12.9
830804	6	0940	5	6	MS0896	21-08-12	111	18.3
830804	4	1230	5	1	MS0897	21-08-51	105	18.9
830816	6	1515	5	3	MS0898	-9	131	30.0
830816	6	1515	5	3	MS0899	21-08-01	132	27.3
830816	6	1515	5	3	MS0900	21-08-11	137	31.6
830816	1	1536	5	3	MS0901	-9	112	14.8
830816	1	1536	5	3	MS0902	21-08-54	130	26.7
830816	1	1536	5	3	MS0903	21-08-54	126	22.1
830816	4	1550	5	2	MS0904	20-08-50	148	49.9
830816	4	1550	5	2	MS0905	20-08-56	135	33.7
830817	1	1450	5	2	MS0906	21-08-04	128	21.9
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830818	292	0745	5	1	MS0908	25-02-57	106	14.0
830818	1	0850	5	1	MS0909	21-08-11	120	19.6
830818	6	0920	5	1	MS0910	21-08-09	110	14.5
830818	6	1125	5	1	MS0911	21-08-05	129	24.5
830906	6	1305	5	6	MS0912	21-08-51	125	24.5
830906	6	1305	5	6	MS0913	21-08-12	121	26.3
830906	6	1305	5	6	MS0914	21-08-02	137	39.4
830906	6	1305	5	6	MS0915	21-08-03	128	24.2
830906	6	1305	5	6	MS0916	21-08-54	126	25.6
830906	6	1305	5	6	MS0917	21-08-02	126	30.8

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830908	5	0935	5	1	MS0920	25-02-19	138	37.1
831005	6	1420	5	4	MS0921	21-08-11	151	46.1
831005	6	1420	5	4	MS0922	21-08-11	174	75.4
831005	6	1420	5	4	MS0923	21-08-57	156	54.3
831005	6	1420	5	4	MS0924	25-02-19	165	59.6
831006	7	0745	5	1	MS0925	21-08-54	127	23.9
831107	10	2140	5	1	MS0926	-9	186	99.6
831108	4	0135	5	1	MS0927	21-08-04	166	69.4
831108	6	2000	5	3	MS0928	21-08-05	214	147.4
831108	6	2000	5	3	MS0929	21-08-11	165	63.2
831108	6	2000	5	3	MS0930	21-08-10	149	48.1
831108	7	2025	5	1	MS0931	-9	166	58.9
831108	11	2025	5	3	MS0933	21-08-10	155	49.0
831108	11	2025	5	3	MS0934	-8	176	77.3
831108	11	2035	5	3	MS0932	21-08-10	141	42.7
831108	16	2130	5	1	MS0935	20-08-55	160	59.4
831108	18	2205	5	3	MS0936	21-08-07	174	79.3
831108	18	2205	5	3	MS0937	20-08-56	172	77.0
831108	18	2205	5	3	MS0938	21-08-12	168	74.3
831108	2	2355	5	2	MS0939	-9	165	82.5
831108	2	2355	5	2	MS0940	-9	168	78.9
831207	7	0140	5	1	MS0941	21-08-51	196	98.2
831207	11	2010	5	2	MS0942	-9	188	92.6
831207	11	2010	5	2	MS0943	-9	180	83.3
831207	18	2045	5	4	MS0944	21-08-02	181	87.9
831207	18	2045	5	4	MS0945	20-08-61	200	119.4
831207	18	2045	5	4	MS0946	21-08-09	191	96.5
831207	18	2045	5	4	MS0947	21-08-04	217	147.3
831207	8	2100	5	2	MS0948	20-08-52	172	77.3
831207	8	2100	5	2	MS0949	21-08-14	182	86.6

Figure 1. Chart of the Campbell River estuary showing stations where beach seining was conducted in 1983.

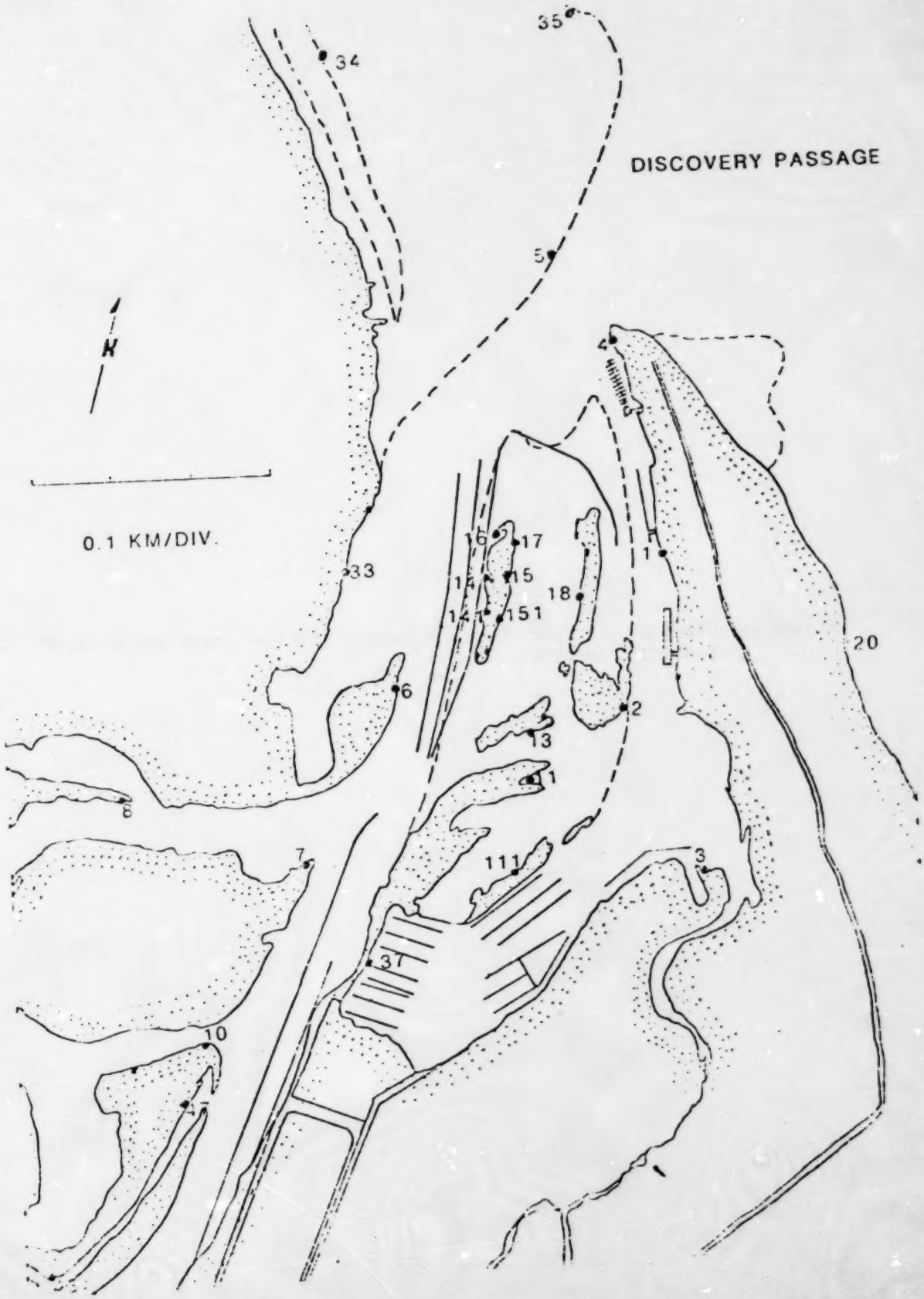
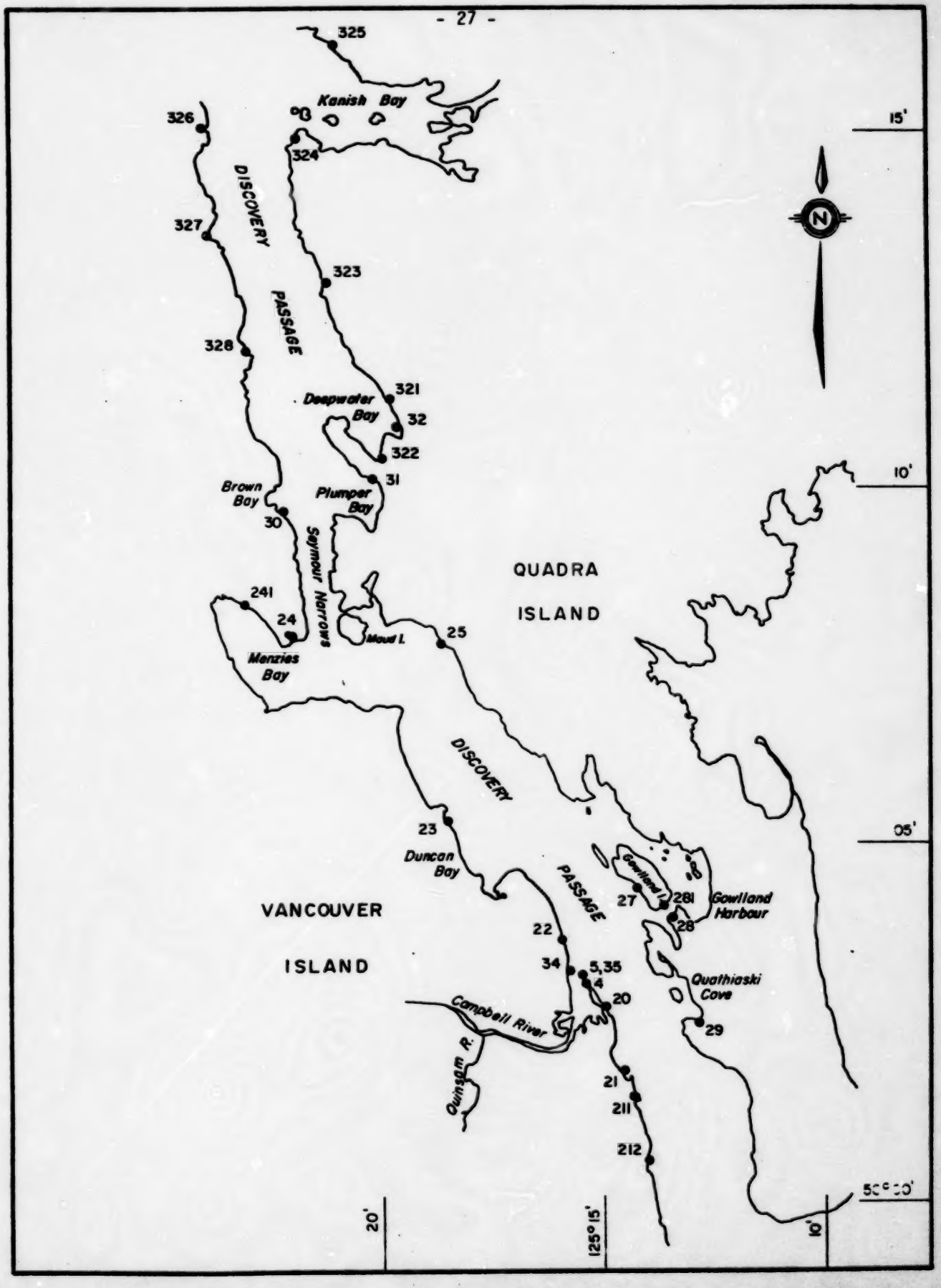

DISCOVERY PASSAGE
N
0.1 KM/DIV.
35
34
5
4
33
16
17
15
18
151
1
20
6
2
13
8
7
111
3
31
10

Figure 2. Chart of Discovery Passage showing stations where beach seining was conducted in 1983.


325
Kanish Bay
326
324
DISCOVERY
PASSAGE
327
323
328
321
Deepwater Bay
32
322
31
Brown Bay
Plumper Bay
30
Seymour Narrows
241
24
Menzies Bay
Maud I.
25
QUADRA
ISLAND
DISCOVERY
23
Duncan Bay
PASSAGE
Gowlland I.
27
281
Gowlland Harbour
28
VANCOUVER
ISLAND
22
34
5,35
4
20
Quathiaski Cove
Campbell River
29
Quinsam R.
21
211
212
15'
10'
05'
50° 00'
20'
125° 15'
10'
N